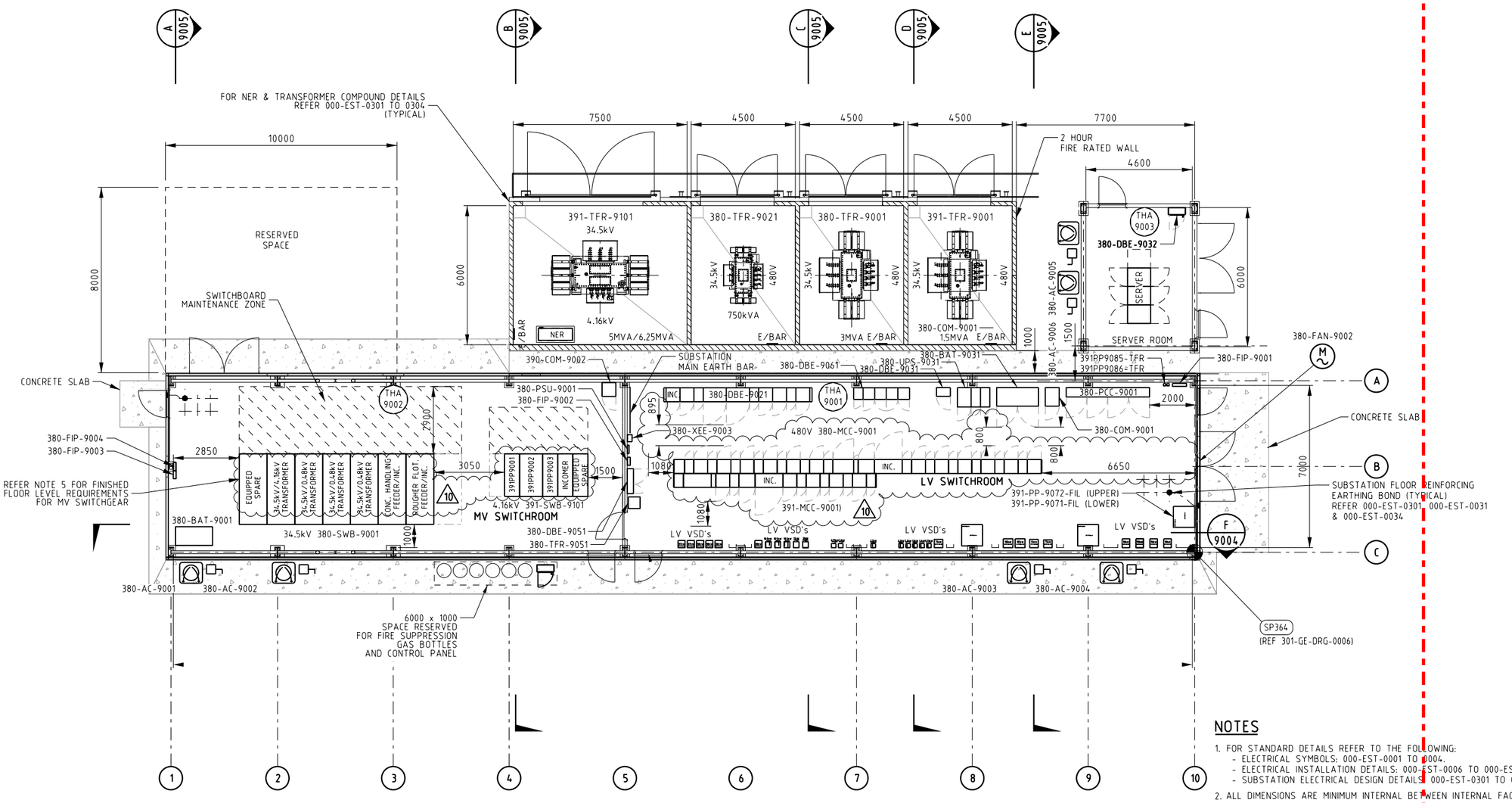
N
PLANT

055-E-001



380-SUB-9001

NOTES

1. FOR STANDARD DETAILS REFER TO THE FOLLOWING:
   - ELECTRICAL SYMBOLS: 000-EST-0001 TO 0004.
   - ELECTRICAL INSTALLATION DETAILS: 000-EST-0006 TO 000-EST-0081.
   - SUBSTATION ELECTRICAL DESIGN DETAILS: 000-EST-0301 TO 000-EST-0306.
2. ALL DIMENSIONS ARE MINIMUM INTERNAL BETWEEN INTERNAL FACE OF COLUMNS.
3. BUILDING ARRANGEMENT SHOWN IS INDICATIVE ONLY. ACTUAL ARRANGEMENT WILL BE SUBJECT TO DETAILED STRUCTURAL STEEL AND CONCRETE DESIGN REQUIREMENTS.
4. TRANSFORMER COMPOUND AND FIRE WALLS SHALL BE 2 HOUR FIRE RATED WHERE SHOWN BY HATCHING.
5. REFER DRG 000-EST-0304 FOR FINISHED FLOOR LEVEL REQUIREMENTS & C-CHANNEL FIXING FOR MV SWITCHGEAR.
6. CABLE LADDER LOADING - 130kg/m PER LADDER. REFER ELEVATION FOR PRELIMINARY QUANTITY.
7. CABLE LADDER & DUCTING HANGERS TO BE SITE SUPPLIED AND INSTALLED.
8. CABLE LADDER WALL PENETRATIONS WILL BE POSITIONED TO SUIT COLUMN LOCATIONS.
9. FUTURE ALLOWANCE FOR AIR CONDITIONING DUCT LOADING IN MV VSD ROOM - 50kg/m.

2m 0m 2m 4m 6m 8m 10m

SCALE 1:100

J:\Projects\Cliw3 Mina de Cobre Project 1824\02. Drafting\ELA Layouts\300\380\380-ELA-9001.dgn 23-May-18 11:27:11 AM Myla.Alea

REVISIONS													REFERENCE DRAWINGS	
REV	DESCRIPTION	DRN	CHK	ENG	DATE	REV	DESCRIPTION	DRN	CHK	ENG	DATE		DRAWING No.	DESCRIPTION
10	REVISED AS NOTED	MA	KR	PA	23.05.18	6	REVISED EQUIPMENT LAYOUT	MA	KR	NP	13.06.17			
9	REVISED AS NOTED	MA	KR	PA	10.05.18	5	ADDED VSD FILTERS, AIR CONS IN SERVER ROOM	MA	KR	GD	17.05.17			
8	REVISED AS NOTED	MA	KR	PA	15.02.18	4	REVISED SERVER ROOM LOCATION	MA	KR	GD	13.03.17			
						7	REVISED EQUIPMENT LAYOUT, ADDED TEMPERATURE HUMIDITY ANALYSER	MA	KR	PA	10.11.17			

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CHECKED	J DA SILVA	27.05.16
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CLIENT		

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MINA DE COBRE PANAMA
TREATMENT PLANT
REAGENTS SUBSTATION
ELECTRICAL LAYOUT SHEET 1

CLIENT: MINERA PANAMA S.A.

SCALE		DRG. No.	CLIENT PROJECT NUMBER	REV. No.
1:100	A1	380-ELA-9001	1824	10